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ATTORNEY DOCKET NO.: HIG05 1000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of Takashi Tadatsu

Serial No.: 10/518,425

Art Unit: 2829

Filed: December 17, 2004

Examiner: Tang, Minh Nhut

Re: MAGNETIC BRIDGE TYPE CURRENT SENSOR, MAGNETIC BRIDGE TYPE CURRENT DETECTING METHOD, AND MAGNETIC BRIDGE FOR USE IN THAT SENSOR AND DETECTING METHOD

TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

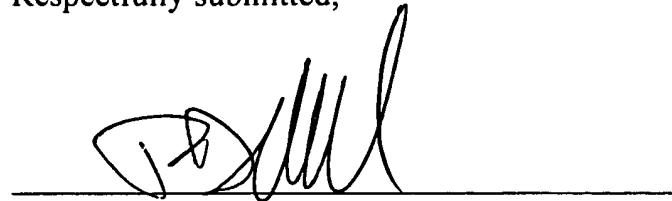
Transmitted herewith is a Response to the Office Action dated September 18, 2006 for the above-identified Application.

If a Petition for an Extension of Time is necessary for the paper transmitted herewith to be timely filed, this transmittal is to be considered as a petition to extend the response period by the amount of time needed for the paper to be timely filed.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679.

A duplicate of this sheet is enclosed.

Respectfully submitted,



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Dated: October 18, 2006



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Title: MAGNETIC BRIDGE TYPE CURRENT SENSOR, MAGNETIC BRIDGE TYPE CURRENT DETECTING METHOD, AND MAGNETIC BRIDGE FOR USE IN THAT SENSOR AND DETECTING METHOD

RESPONSE TO SECOND ELECTION REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Election Requirement dated September 18, 2006, Applicant submits the following provisional election with traverse.

Amendments to the Claims begin on Page 2 of this paper.

Remarks begin on Page 12 of this paper.